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<b>Notice of Allowability</b>	Application No.	Applicant(s)
	09/691,035	BANNAI, KAZUNORI
	Examiner Hai C Pham	Art Unit 2861

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to Amendment filed 08/12/04.
2.  The allowed claim(s) is/are 1-6, 11-17 and 22-28.
3.  The drawings filed on 10/19/00 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All      b)  Some\*      c)  None      of the:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ol>	<ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____.</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____.</li> </ol>
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### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with attorney Surinder Sachar on October 5, 2004.

The application has been amended as follows:

#### **IN THE CLAIMS:**

##### Claim 11:

- Line 5, changed "scanner" to --scanning--.

##### Claim 12:

- Line 7, changed "member" to --means--.

##### Claim 15: Rewrote claim 15 as follows:

--Claim 15. The optical scanning apparatus according to Claim 13, [comprising]  
wherein said holding means further comprises:  
a glass fiber reinforced unsaturated polyester resin.--

Claim 16: Rewrote claim 16 as follows:

--Claim 16. The optical scanning apparatus according to Claim 13, [comprising]

wherein said holding means further comprises:

a glass fiber reinforced unsaturated polyester resin.--

Claim 17: Rewrote claim 17 as follows:

--Claim 17. The optical [scanning] image forming apparatus according to Claim 11,

[comprising] wherein said holding member further comprises:

a glass fiber reinforced unsaturated polyester resin.--

Claim 22:

- Line 10, changed “member” to --means--.

Claim 29: Deleted claim 29.

2. The following is an examiner's statement of reasons for allowance: Claims 1, 11, 12, 22 and 23 are patentable over the prior art patents and printed publications because of the optical scanning apparatus includes a light emitting laser diode, and a cylindrical holding member for holding the laser diode, wherein the holding member is formed of a resin having thermal conductivity equal or greater than 0.7 w/m<sup>0</sup>K and includes heat radiating fins projecting radially from an outer circumferential portion of the holding

member. The combined limitations are not taught by the art of record alone or in combination.

Claims 2-6, 13-17 and 24-28 allowed because they are directly or indirectly dependent from claims 1, 11, 122, 22 and 23 above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The information disclosure statement (IDS) submitted on 06/21/04 filed on 06/21/04 has been entered and considered by the examiner.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hai C Pham whose telephone number is (571) 272-2260. The examiner can normally be reached on M-F 8:30AM - 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen D Meier can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Hai Pham*

HAI PHAM  
PRIMARY EXAMINER

October 5, 2004